

Course Outline

Workplace Mathematics 11

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Course Description

This course focuses on mathematics for life skills. covering

- trigonometry
- rates of change
- graphing data
- scale drawings
- finances and budgeting

Big Ideas

Course Title explores the following Big Ideas:

- Proportional reasoning is used to make sense of multiplicative relationships.
- Mathematics informs financial decision making.
- 3D objects are often represented and described in 2D space. Representing and analyzing data allows us to notice and wonder about relationships.
- Flexibility with number builds meaning, understanding and confidence.
- Representing and analyzing data allows us to notice and wonder about relationships.

Learning Standards

The activities in this course are designed to address the learning standards as outlined in the BC Ministry of Education's Workplace Mathematics 11 curriculum document. Learning Standards are organized into Core Competencies, Curricular Competencies, and Content Goals. Click the "Outcomes" link in the left side menu to read about these competencies in detail, or visit www.curriculum.gov.bc.ca ([Links to an external site.](#)) to learn more.

Resources

All learning materials required for this course are provided through the Canvas learning platform - there are no additional textbooks required.

Assessment Overview

Your grade for this course will be based on the following items:

Item	Weight
Learning Guides/Assignments	40%
Unit tests	60%

Learning Guides/Assignments

Prior to writing a unit test, you must ensure that all assignments and the Learning Guide for that unit are completed. Please ensure that your assignment submissions are neat and organized. If you cannot figure out a question, go back over your notes and then ask your teacher for help.

It is assumed that you will do all the required assignments for this course. Success on the exams depends upon exposure to a large variety of questions and lots of practice.

Quizzes & Exams

Quizzes can be done on your own (no supervision required).

Exams are **closed book** and **require supervision**. Tests are scheduled through your teacher and are written at Burnaby Online. You may be able to write your tests at your homeschool if you are able to find a teacher who is willing and able to supervise your tests. If you would like to write your tests at your homeschool, find a teacher who can supervise and contact your teacher with that information so arrangements can be made.